

**To:** Bret Rogers[brogers@energysolutions.com]  
**Cc:** Daly, Eric[Daly.Eric@epa.gov]; Bob Koss[rdkoss@energysolutions.com]  
**From:** Scott Baskett  
**Sent:** Tue 7/12/2016 10:24:26 PM  
**Subject:** FW: Niagara Falls Boulevard Site (NFB)-Energy Solutions  
[Table 9 NFB Validated SAT Rad Soil Analytical Results 20160616.pdf](#)  
[Table 8B NFB Validated TAL Metal Soil Analytical Results 20160616.pdf](#)  
[Table 1 NFB Prelim Rad Soil Analytical Results 20160616.pdf](#)  
[Table 8A NFB Validated Rad Soil Analytical Results 20160616.pdf](#)  
[NFB T&D Presentation July 2016.pdf](#)  
[BWF WAC - Rev 9.pdf](#)

Bret: please see the data and information from Eric Daly with EPA regarding the Niagara Fall Blvd Site waste. Would this data satisfy the requirements for profile development and upon review, are we within Clive WAC for BWF disposal?

Eric: I have attached a copy of our Clive disposal site Bulk Waste Facility (BWF) Waste Acceptance Criteria (WAC). Based on the information we discussed over the presentation, we should be in good shape to meet the BWF WAC for direct disposal of the waste.

Scott

**From:** Daly, Eric [mailto:Daly.Eric@epa.gov]  
**Sent:** Tuesday, July 12, 2016 3:59 PM  
**To:** Scott Baskett  
**Subject:** Niagara Falls Boulevard Site (NFB)-Energy Solutions  
**Importance:** High

Hi Scott:

Attached is our analytical data both rad and metals for Niagara Falls Boulevard Site. Please take a look at and let me know what other type of sampling we would need for this site. This is just draft to get some more

feedback on what we discussed. Also, please provide further info on the presentation questions attached.

Brief history of the site:

The site contains a bowling alley and a building supply store. Previously, there was Dunn Tire facility located here. In 1978, the U.S. Department of Energy (DOE) conducted an aerial radiological survey of the Niagara Falls region and found more than 15 properties, including the Site, having elevated levels of radiation above background levels. It is believed that, in the early 1960s, slag from the Union Carbide facility located on 47<sup>th</sup> Street in Niagara Falls was used as fill on the properties prior to paving.

I will present all of this to my GES T&D coordinator along with previous notes from our conversation. Thanks

**From:** Scott Baskett [<mailto:sbaskett@energysolutions.com>]  
**Sent:** Friday, July 08, 2016 1:57 PM  
**To:** Daly, Eric <[Daly.Eric@epa.gov](mailto:Daly.Eric@epa.gov)>  
**Subject:** RE: Niagara Falls Boulevard Site (NFB)-Energy Solutions

Eric:

801-550-0109 (Mobile)

801-649-2102 (Office)

Intermodals are IP-1 containers and meet the packaging design criteria to ship Class 7 rad waste. All your waste is either Class 7 or non-regulated DOT depending on the concentration in each shipment. Based on the highest activity concentrations your disclosed to us today, your project does not require any packaging more robust than IP-1 intermodal containers.

Scott

**From:** Daly, Eric [<mailto:Daly.Eric@epa.gov>]  
**Sent:** Friday, July 08, 2016 11:47 AM  
**To:** Scott Baskett  
**Subject:** RE: Niagara Falls Boulevard Site (NFB)-Energy Solutions

Thanks Scott.. I don't have your phone info.

Also, you mentioned IP-1 container in our conversation earlier. Aren't the basic intermodal units IP-1? That would be us just verifying that we have low activity waste correct? The other high level waste are Package A and B?

**From:** Scott Baskett [<mailto:sbaskett@energysolutions.com>]  
**Sent:** Friday, July 08, 2016 1:41 PM  
**To:** Daly, Eric <[Daly.Eric@epa.gov](mailto:Daly.Eric@epa.gov)>; Scott Dempsey <[Scott\\_Dempsey@mhfservices.com](mailto:Scott_Dempsey@mhfservices.com)>  
**Cc:** Bret Rogers <[brogers@energysolutions.com](mailto:brogers@energysolutions.com)>  
**Subject:** RE: Niagara Falls Boulevard Site (NFB)-Energy Solutions

Eric: direct requests for intermodals to my attention. I'll work with our containers folks to turn a quote.

Good discussions with you today. I'll follow-up with a reply email that includes acceptance criteria, profile requirements and a general run down of the process to shipping to our Clive disposal facility.

Regards,

Scott

**From:** Daly, Eric [<mailto:Daly.Eric@epa.gov>]  
**Sent:** Friday, July 08, 2016 9:46 AM  
**To:** Scott Baskett; Scott Dempsey  
**Cc:** Bret Rogers  
**Subject:** Niagara Falls Boulevard Site (NFB)-Energy Solutions

It was nice talking to you all today. Attached is the presentation. Please give me the phone number of whomever our contractor would speak to regarding intermodal container rentals.

Thanks

**From:** Scott Baskett [<mailto:sbaskett@energysolutions.com>]  
**Sent:** Wednesday, July 06, 2016 3:07 PM  
**To:** Daly, Eric <[Daly.Eric@epa.gov](mailto:Daly.Eric@epa.gov)>; Scott Dempsey <[Scott\\_Dempsey@mhfservices.com](mailto:Scott_Dempsey@mhfservices.com)>  
**Cc:** Bret Rogers <[brogers@energysolutions.com](mailto:brogers@energysolutions.com)>  
**Subject:** RE: Niagara Falls Boulevard Site (NFB)

Eric: could we arrange for a call this week to discuss your questions and the likely follow-up? I think we will find a call beneficial for planning and understanding. Friday morning works for me.

Scott

**From:** Daly, Eric [<mailto:Daly.Eric@epa.gov>]  
**Sent:** Wednesday, July 06, 2016 10:43 AM  
**To:** Scott Baskett; Scott Dempsey  
**Subject:** Niagara Falls Boulevard Site (NFB)  
**Importance:** High

Good Afternoon:

Thank you both for your prompt responses. As I described to Scott D., I am an On-Scene Coordinator with the USEPA. I have two removal actions in Niagara County, Niagara Falls Boulevard Site and Holy Trinity Cemetery Site. Scott D. was contacted by my contractor, Weston Solutions, last year. The purpose then was to provide site specific data to you in order to estimate T&D cost. Below is a summary of that information.

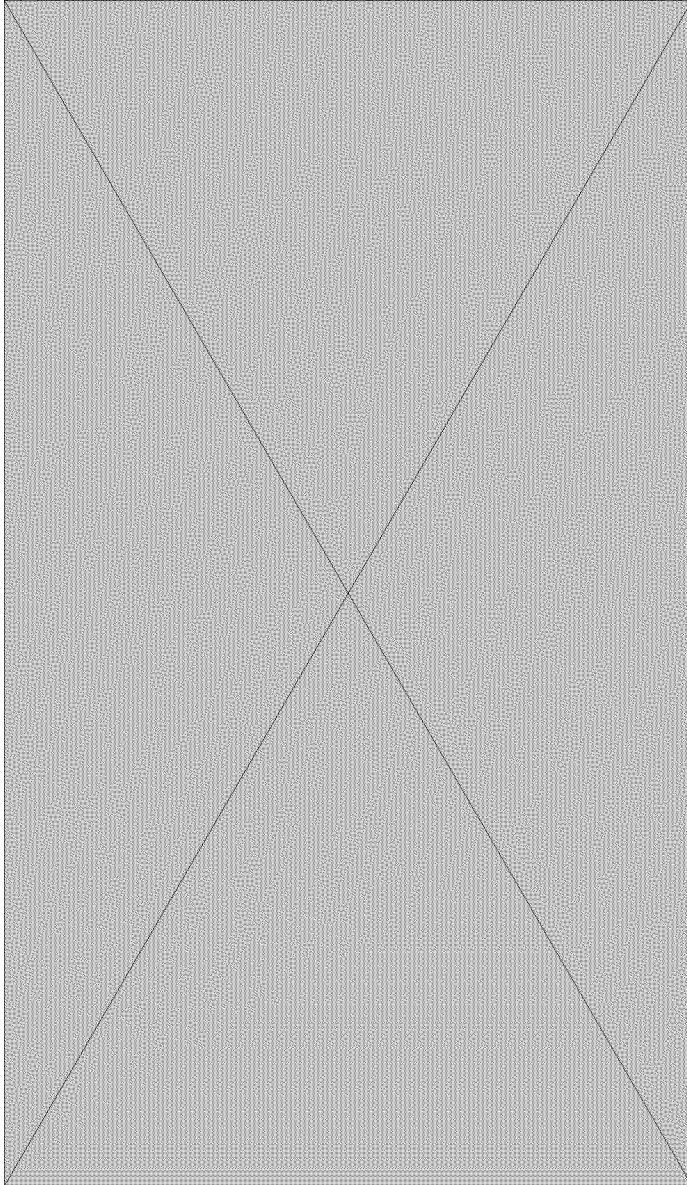
*Energy Solutions operates the radioactive disposal site in Utah, and probably has the broadest license to receive higher concentrations of more radionuclides. They have been in business for about 25 years under various names, and have had substantial disposal contracts with DOE, EPA, and many industrial clients. By acquisition a few years ago they acquired MHF Logistical Solutions which Weston has used in the past for transportation assistance. The person I spoke with was Scott Dempsey of MHF (724-312-6244).*

*Scott confirmed that while they are a subsidiary of Energy Solutions, they can provide transportation support to other disposal providers.*

*Scott estimated the cost to package, transport, and dispose of the material in Energy Solutions facility in Clive Utah at \$450 to \$500 per CY, with the transportation and disposal costs about equal. Scott recommended that the soil be packaged in "lift liners", also called "super sacks", loaded onto flatbeds, and trucked to one of their rail trans loading facilities, where they would be loaded into gondolas and rail shipped to the Clive disposal site. Assuming 13,000 CY of material, the budgetary estimate is then \$5.9 million to \$6.5 million.*

We have started the removal process at Niagara Falls Boulevard Site and soon will be staging excavated material. We are putting out our lab bids and eventually will bid out the T&D. Any input would be very helpful.  
Thanks

- Should our T&D coordinator run our lab bid by your company and the other companies to ensure your analytical qualifications are met?
- Can you provide the Waste Acceptance Criteria for the following radionuclides? Do you have a specific Waste Acceptance Criteria for TENORM (Technologically Enhanced Naturally Occurring Radioactive Materials)? Specifically, depleted Thorium.



- What is the size specification for waste received? The material that we plan to T&D is soil, rock/slag, asphalt and potentially concrete.
- What type of container is preferred?
- Weight limits for disposal containers?

Regards,

Eric

"We must, indeed, all hang together, or assuredly we shall all hang separately", Benjamin Franklin

Eric M. Daly

On-Scene Coordinator/Radiological Response Specialist  
US Environmental Protection Agency- Region II

ERRD/RPB/PPS  
2890 Woodbridge Avenue  
Edison, NJ 08837  
[daly.eric@epa.gov](mailto:daly.eric@epa.gov)  
732-321-4350

**From:** Scott Baskett [<mailto:sbaskett@energysolutions.com>]  
**Sent:** Tuesday, July 05, 2016 2:24 PM  
**To:** Scott Dempsey <[Scott\\_Dempsey@mhfservices.com](mailto:Scott_Dempsey@mhfservices.com)>; Daly, Eric <[Daly.Eric@epa.gov](mailto:Daly.Eric@epa.gov)>  
**Subject:** Re: Niagra Falls Blvd Site

Thank you Scott.

Eric, the number provided is my mobile and I am available anytime today.

Scott

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**From:** Scott Dempsey <[Scott\\_Dempsey@mhfservices.com](mailto:Scott_Dempsey@mhfservices.com)>  
**Sent:** Jul 5, 2016 11:08 AM  
**To:** [daly.eric@epa.gov](mailto:daly.eric@epa.gov)



